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MOBBS, William, Leonard [AU/AU]; 117 Hawkesbury Crescent, Farrar, ACT 2607 (AU).

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(74) Agent: **GRANT, Paul, Ainsworth**; P.O. Box 7460, Fisher, ACT 2611 (AU).

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(71) Applicant (*for all designated States except US*): **NOBLE HOUSE GROUP PTY LTD** [AU/AU]; 41-45 Tennant Street, Fyshwick, ACT 2609 (AU).

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(72) Inventors; and

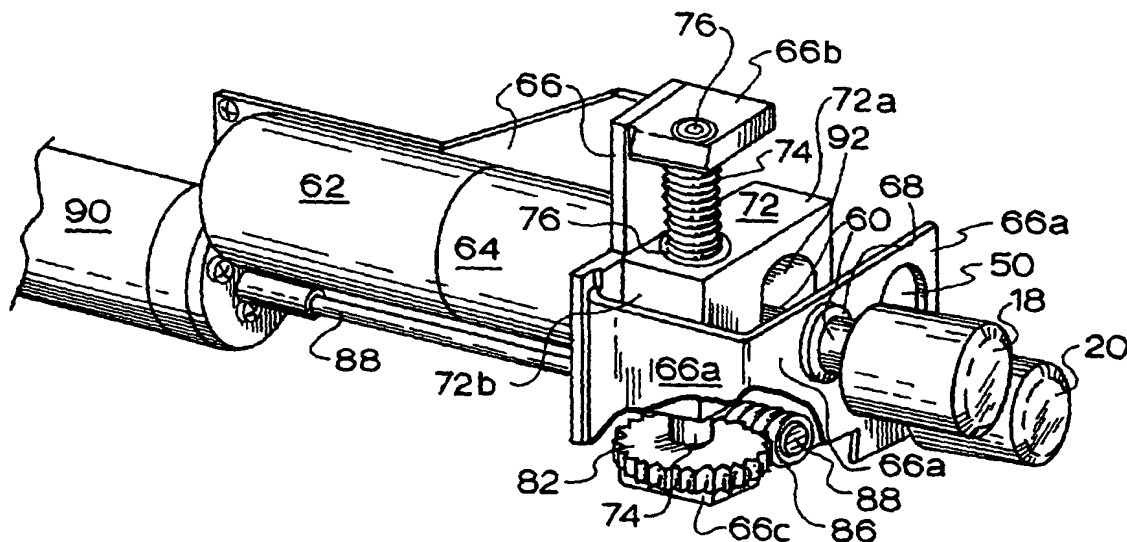
(75) Inventors/Applicants (*for US only*): **WILSON, Craig, Douglas** [AU/AU]; 24 Gowrie Avenue, Bondi Junction, NSW 2022 (AU). **DILLON, Jagmohanbir, Singh** [AU/AU]; 9 Lamble Place, Oxley, ACT 2903 (AU).

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(54) Title: MEANS FOR COMPRESSING TUBES AND THE LIKE



(57) Abstract: A device (10) for stripping fluid from a tube (40) is provided that is of use in stripping blood from bloodlines after the collection of blood from donors. The device is preferably hand-held and battery-powered, having a fixed driven roller (18), a moveable idle roller (20) and a tube guide (22) extending cantilever-fashion from one end thereof. The idle roller (20) can be moved toward the fixed and driven roller (18) to form a nip therebetween which pinches the tube (40) and draws it through the nip when the driven roller (18) is rotated. Idle roller (20) is moveable in a slot (50) and in direction which is never coplanar with the plane (Y) that contains the axes of the rollers (18 & 20). The angle θ between the direction of movement of the idle roller (20) and the plane (Y) containing the axes of the rollers when the nip is formed can vary between about 30 and 90 degrees.

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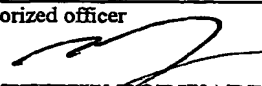
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/01239

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. ⁷ : A61M 1/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI Keywords: IPC A61M, IPC A61J, IPC A61L, fluid, blood, liquid, strip, drain, squeeze, roller, nip, tube, conduit, offset, diagonal, oblique, +coplanar		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4819636 (GERICH et al) 11 April 1989 See abstract; column 1, line 36 - column 4, line 54; figures 1-4	1-2
Y	WO 0236183 (NOBLE HOUSE GROUP PTY LTD) 10 May 2002 See page 2, line 15 - page 3 line 15, claims, figures 3, 5A	3-
A	CA 1126117 A (BAXTER TRAVENOL LABORATORIES INC) 22 June 1982 See pages 5-9	1-8
A	DE 29713696 U1 (ELTEST-GESELLSCHAFT FUR ELEKTROPHORESEUND TRANSFUSIONSSYSTEME mbH) 6 November 1997 See entire document	1-8
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" Later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" Document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" Document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" Document member of the same patent family</p>	
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Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer  MATTHEW FORWARD Telephone No : (02) 6283 2606	

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C (Continuation).

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 0202049 A1 (FALT MEDICAL AB) 10 January 2002 See page 1, lines 24 - 26; page 2, lines 17 - 22; claim 4; figure 2	1-8
A	WO 8101658 A1 (LOEB et al) 25 June 1981 See page 4, lines 4 - 22; page 8, line 10 - page 9, line 28; figures 1, 7	1-8
A	US 5318546 A (BIERMAN) 7 June 1994 See columns 2-10	1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/01239

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
WO 0236183	AU 13653/02	EP 1335762	
CA 1126117			
DE 29713696			
WO 0202049	AU 66524/01	SE 0002553	
WO 8101658	AU 67004/81	CA 1156114	EP 0041563
	GB 2076658	SE 8104820	
US 5318546			
END OF ANNEX			